

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/FR2005/000319

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04Q7/38 H04L27/26 H04Q7/22 H04B7/26

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q H04L H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/081538 A1 (WALTON JAY R ET AL) 1 May 2003 (2003-05-01) paragraphs '0002!', '0004!' - '0006!', '0009!', '0026!', '0055!', '0062!', '0118!' - '0122!'	1-24
A	WO 99/53644 A (WAVECOM ; ALARD M MICHEL (FR)) 21 October 1999 (1999-10-21) abstract; claims 1,16,17; figures 1-4 ----- -/-	1-24

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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Date of the actual completion of the international search

15 June 2005

Date of mailing of the international search report

06/07/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Kampouris, A

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	"3rd Generation Partnership Project; Technical Specification Group Radio Access Network; High Speed Downlink Packet Access; Physical Layer Aspects (Release 5)" December 2001 (2001-12), 3GPP TR 25.858 V1.0.0, XX, XX, PAGE(S) 1,3-23 , XP002192345 page 12, paragraph 8.1.2 - page 17, paragraph 8.1.4	1,19,23, 24
A	US 6 115 354 A (WECK CHRISTFRIED) 5 September 2000 (2000-09-05) abstract; figures 1,3 column 3, line 33 - line 35	1-24
A	US 6 084 871 A (ENGSTROM BO ET AL) 4 July 2000 (2000-07-04) abstract; claim 112; figures 1-3 column 2, line 64 - line 67 column 5, line 33 - line 52	1-24
A	WO 00/77961 A (KIM KWANG CHUL ; SAMSUNG ELECTRONICS CO LTD (KR)) 21 December 2000 (2000-12-21) abstract; claim 1; figures 2,3	1,19,23, 24

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/FR2005/000319

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2003081538	A1	01-05-2003	BR 0213346 A EP 1438801 A1 TW 223517 B WO 03034645 A1 US 2004085892 A1	19-04-2005 21-07-2004 01-11-2004 24-04-2003 06-05-2004
WO 9953644	A	21-10-1999	FR 2777407 A1 AU 3152999 A EP 1070401 A1 WO 9953644 A1 JP 2002511702 T US 6862451 B1	15-10-1999 01-11-1999 24-01-2001 21-10-1999 16-04-2002 01-03-2005
US 6115354	A	05-09-2000	DE 4425713 C1 AT 170685 T AU 681806 B2 AU 3162795 A CA 2194394 A1 CZ 9603697 A3 DE 59503453 D1 DK 771497 T3 WO 9602989 A1 EP 0771497 A1 ES 2121410 T3 FI 970204 A HU 77417 A2 JP 2901018 B2 JP 9512156 T PL 318348 A1	20-04-1995 15-09-1998 04-09-1997 16-02-1996 01-02-1996 16-04-1997 08-10-1998 07-06-1999 01-02-1996 07-05-1997 16-11-1998 17-01-1997 28-04-1998 02-06-1999 02-12-1997 09-06-1997
US 6084871	A	04-07-2000	SE 502656 C2 DE 69533142 D1 EP 0795239 A1 SE 9404121 A WO 9617455 A1	04-12-1995 15-07-2004 17-09-1997 04-12-1995 06-06-1996
WO 0077961	A	21-12-2000	KR 2001002477 A AT 274270 T CN 1355971 A DE 60013129 D1 EP 1188266 A1 JP 3542581 B2 JP 2003502903 T WO 0077961 A1	15-01-2001 15-09-2004 26-06-2002 23-09-2004 20-03-2002 14-07-2004 21-01-2003 21-12-2000